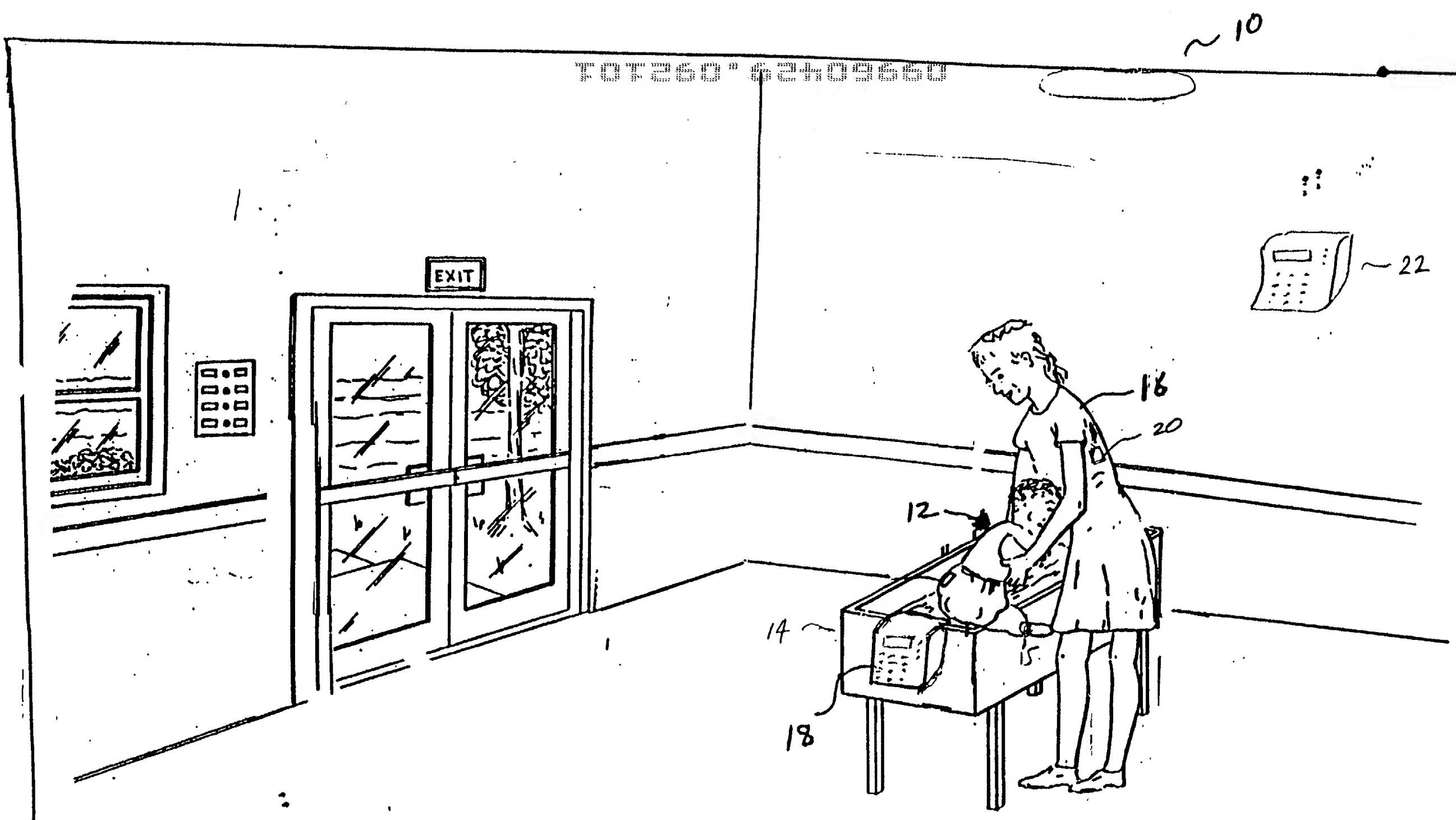


FIG. 1

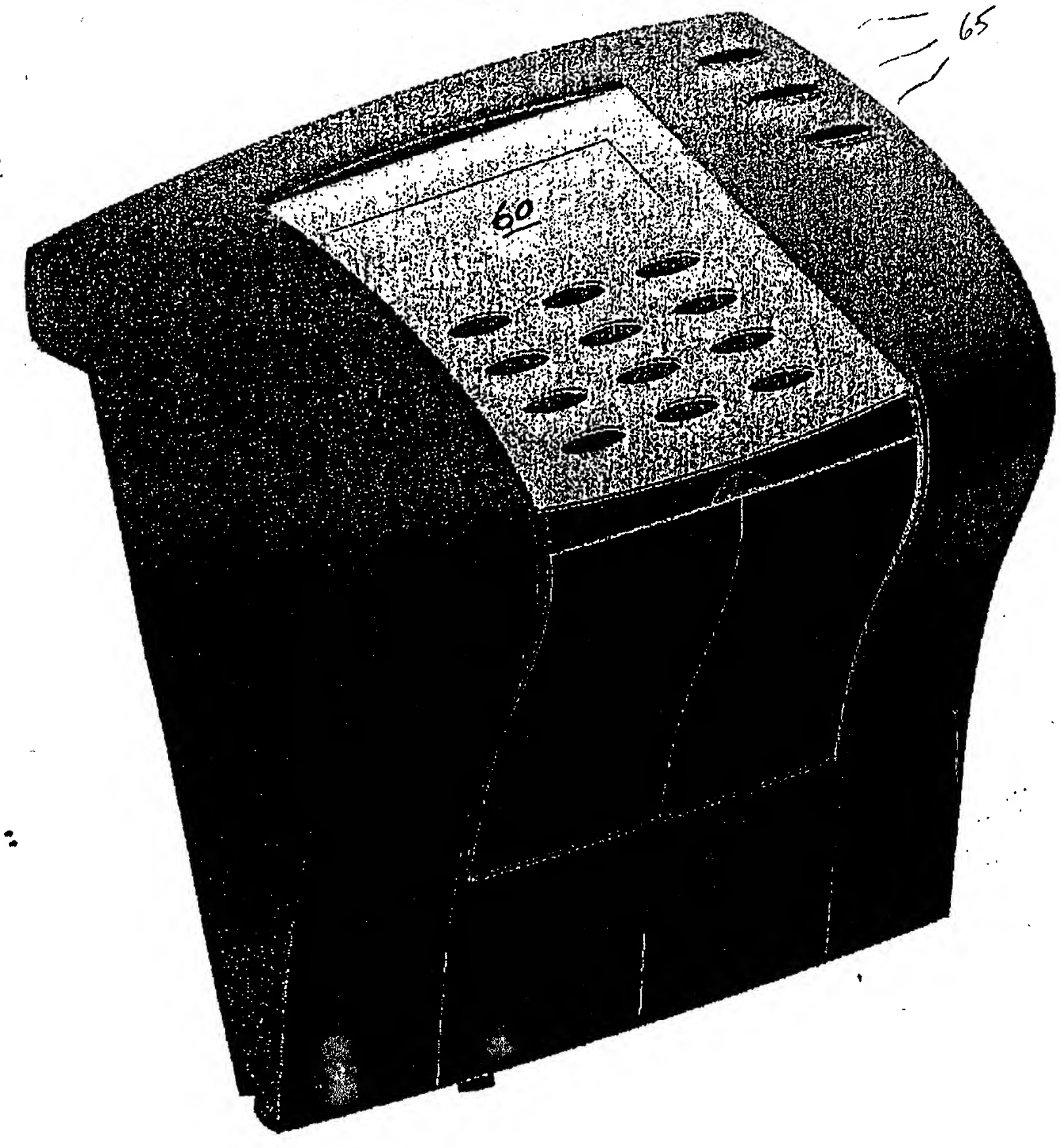
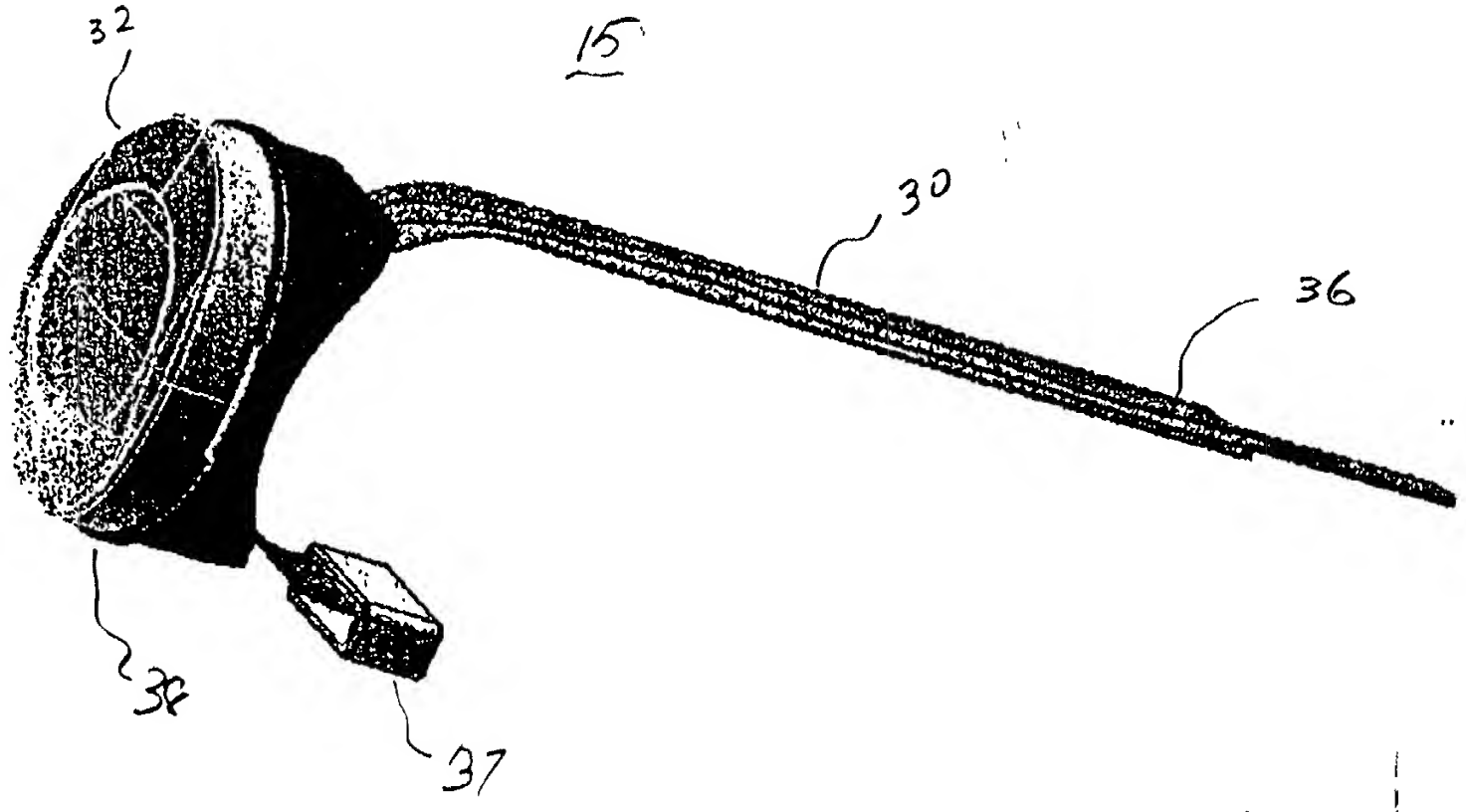


FIG 2A

TOT260 6340960



INFANTS BADGE

FIG. 2B

EP 2 501 240 A1

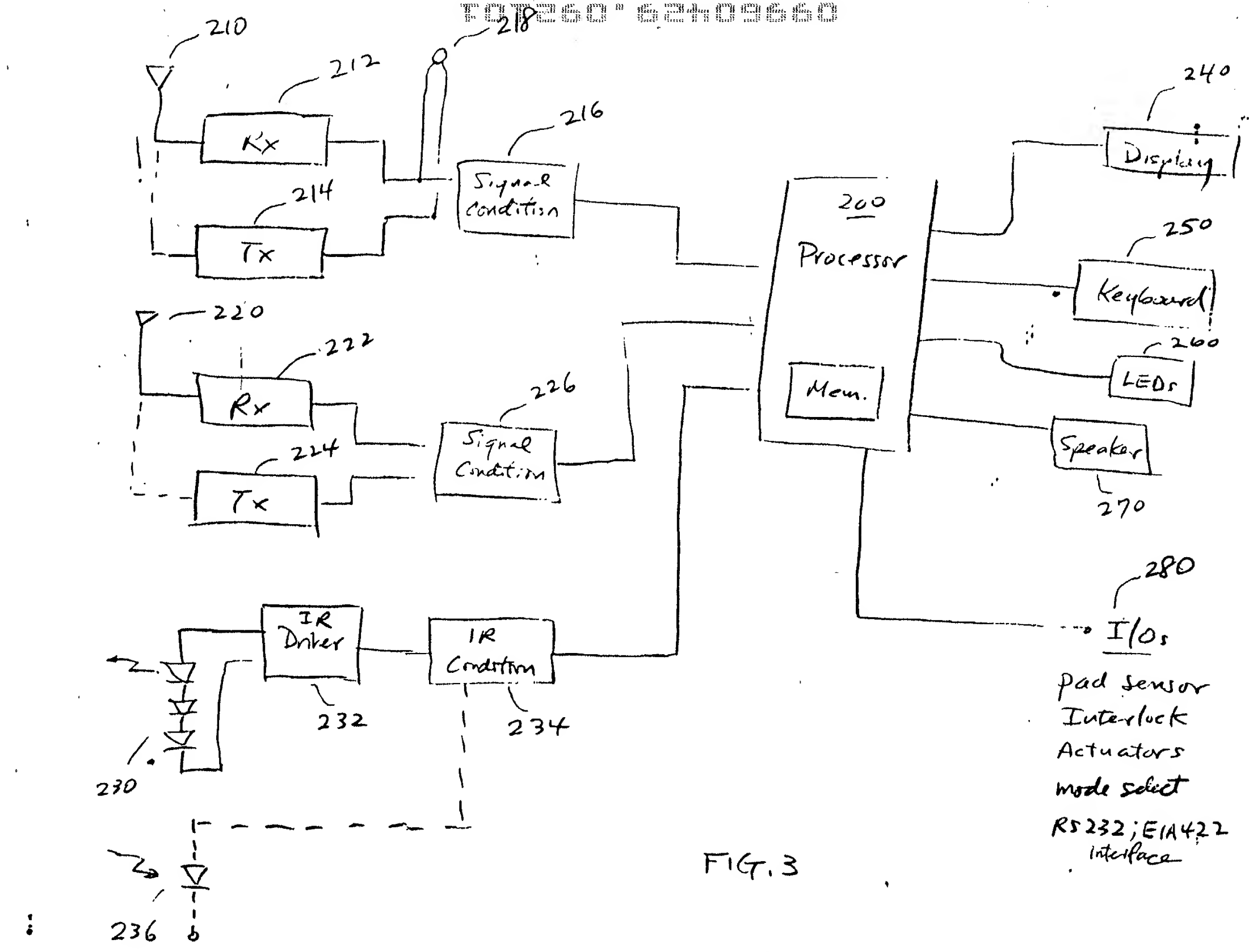


FIG. 3

TM

DRAFT 09/09/03

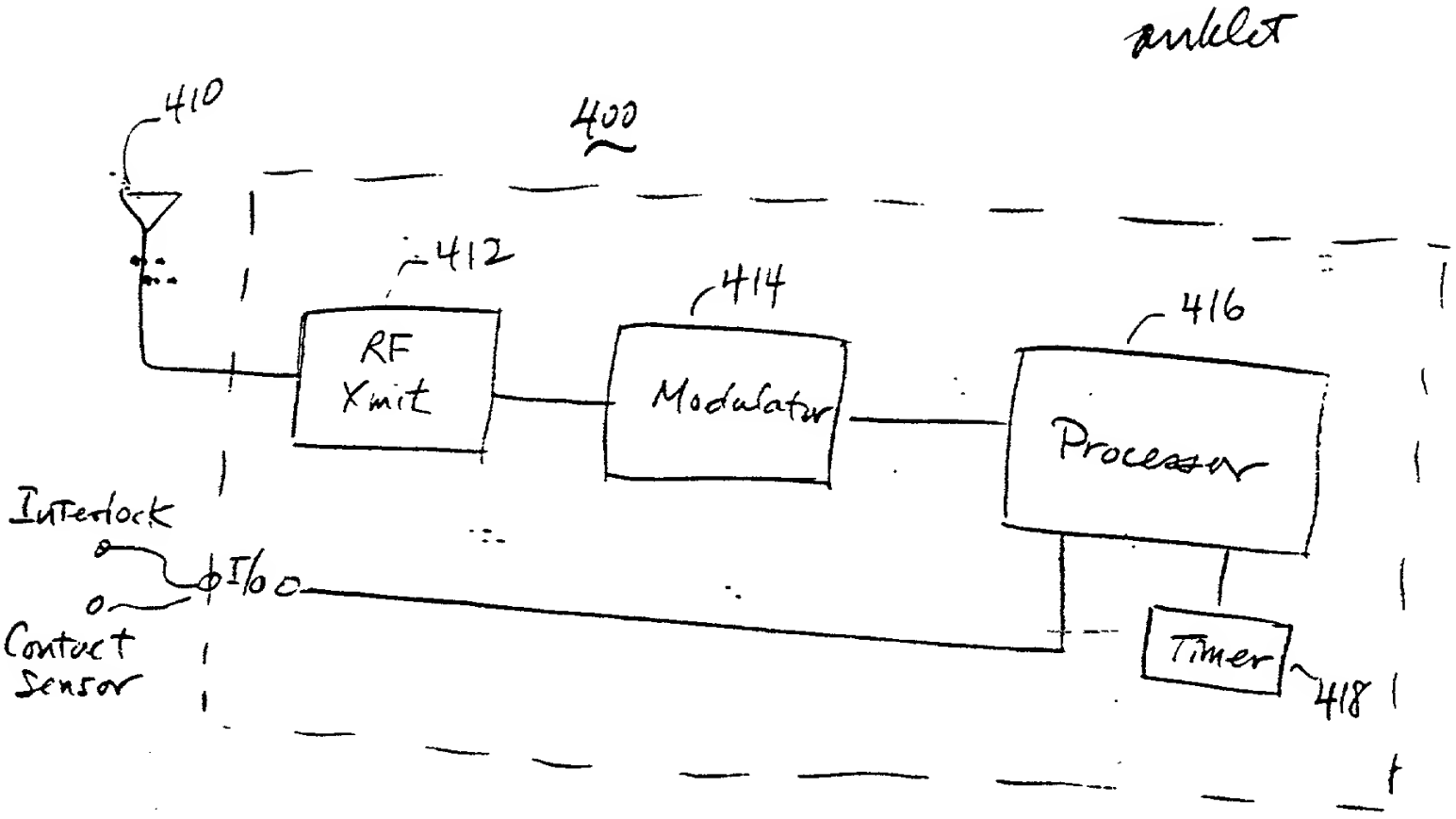


FIG. 4A

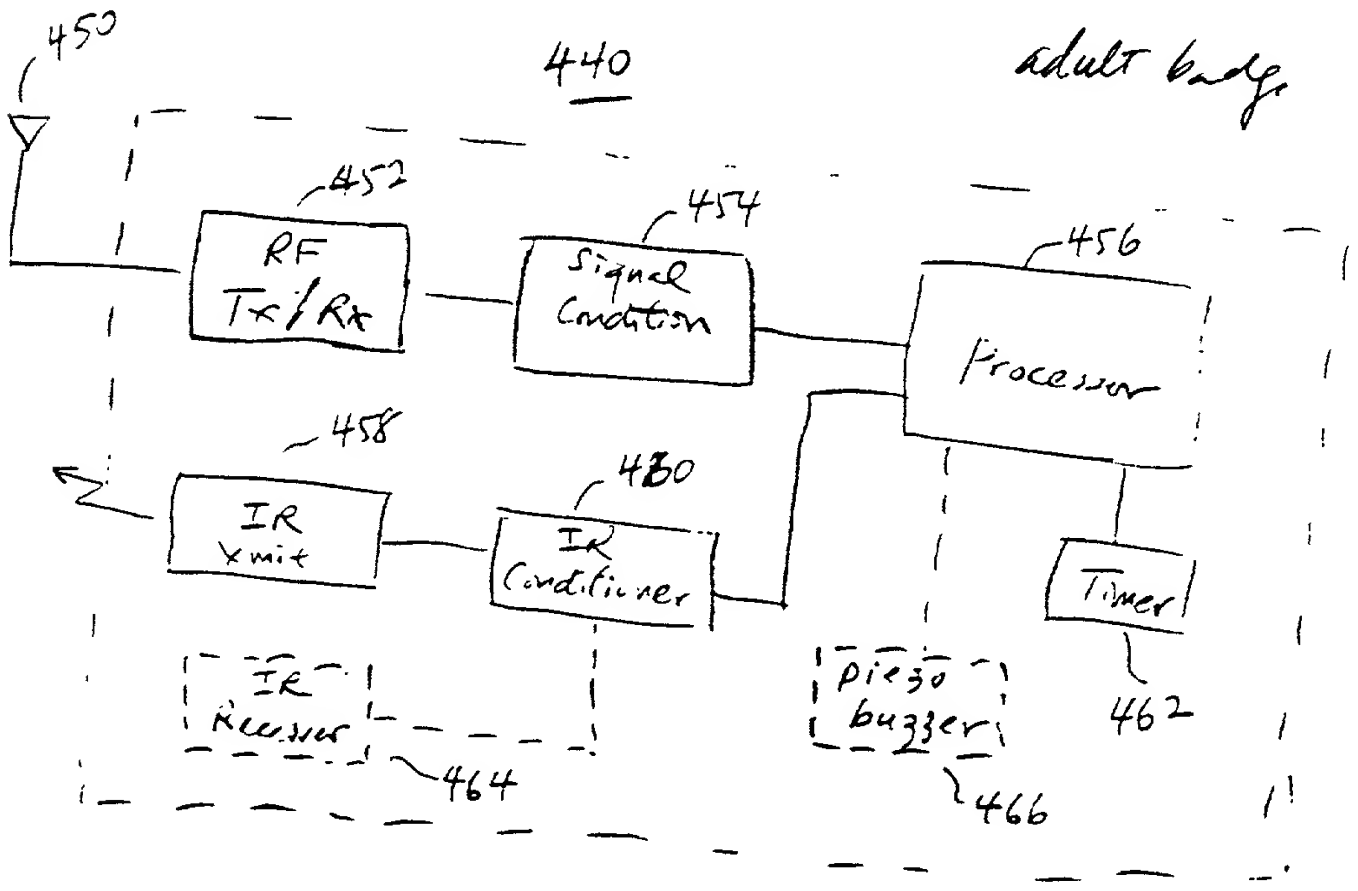


FIG. 4B

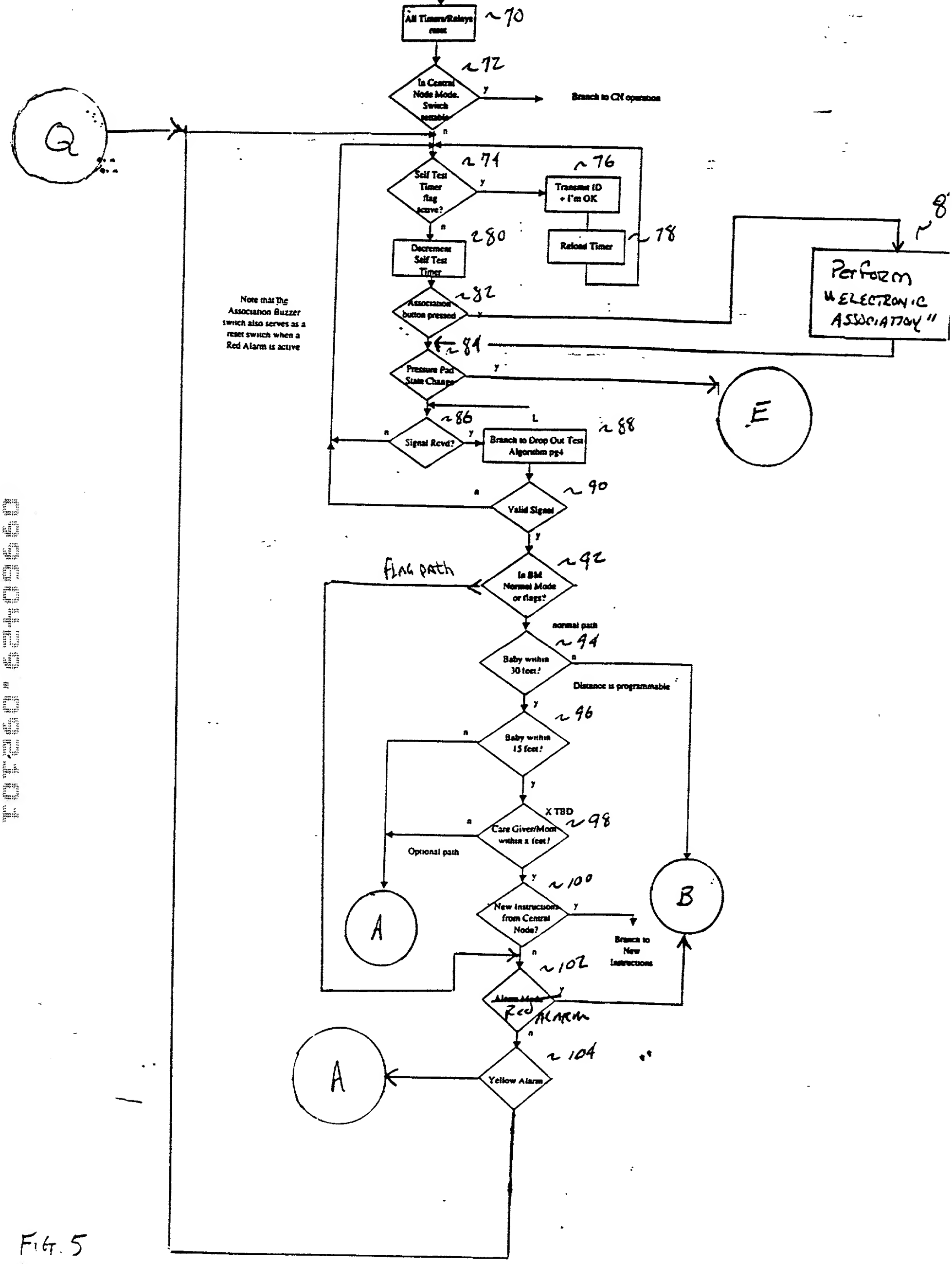

All Timers/Relays reset
~70
~72
In Central Node Mode. Switch settable
y
Branch to CN operation
n
Q
~74
Self Test Timer flag active?
y
~76
Transmit ID + I'm OK
n
280
Decrement Self Test Timer
Reload Timer
~78
~8
Perform "ELECTRONIC ASSOCIATION"
~82
Association button pressed
y
Note that the Association Buzzer switch also serves as a reset switch when a Red Alarm is active
~84
Pressure Pad State Change
y
E
~86
L
~88
n
Signal Rcvd?
y
Branch to Drop Out Test Algorithm pg4
n
~90
Valid Signal
y
flag path
~92
In BM Normal Mode or flags?
normal path
~94
Baby within 30 feet?
n
Distance is programmable
y
~96
Baby within 15 feet?
n
y
X TBD
~98
Care Giver/Mom within x feet?
n
Optional path
y
~100
New Instructions from Central Node?
y
Branch to New Instructions
B
A
n
~102
Alarm Mode Red ALARM
y
n
~104
Yellow Alarm
A

FIG. 5

Yellow Alarm Mode Processing

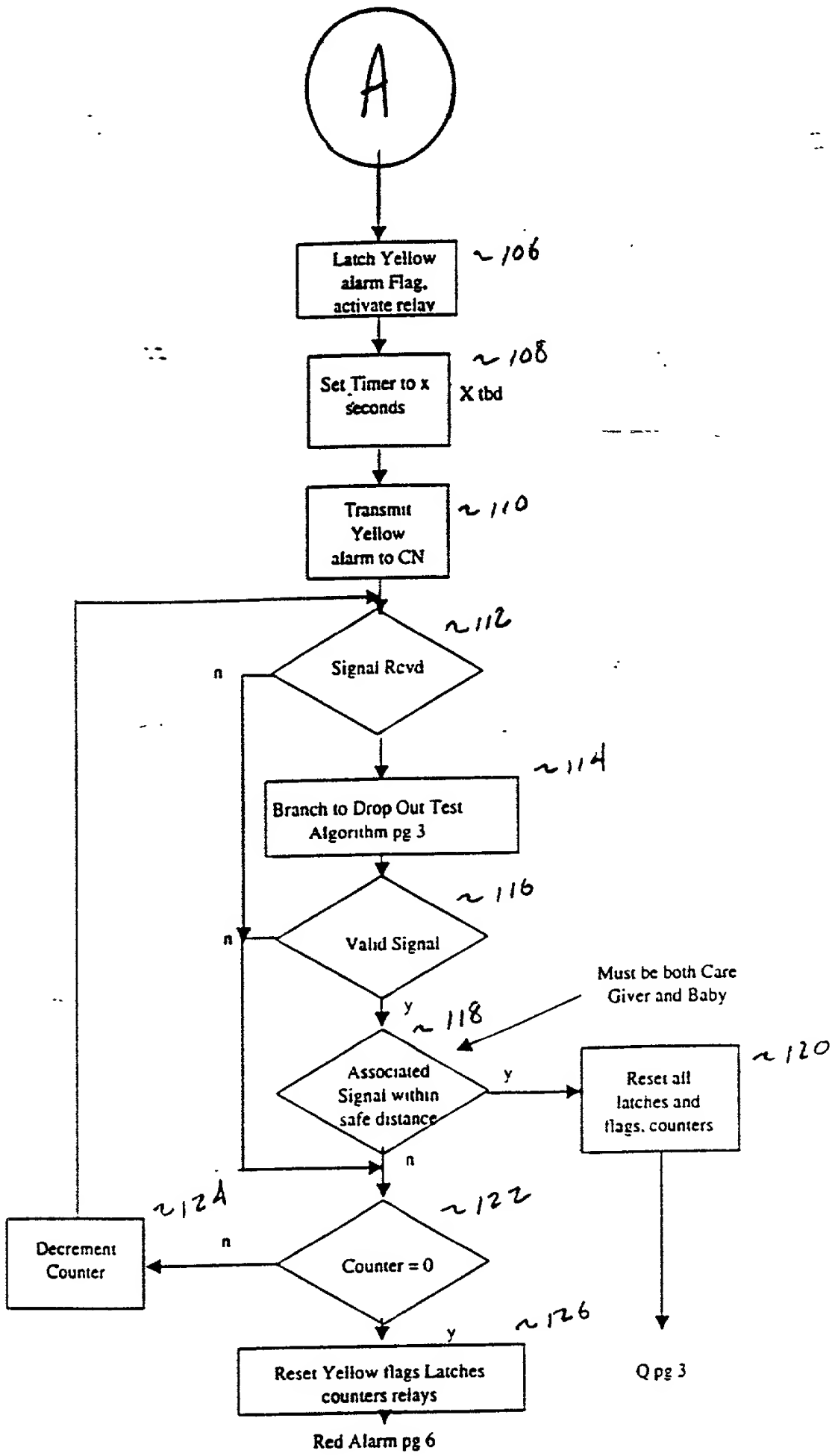


FIG. 6

Red Alarm Mode Process 16

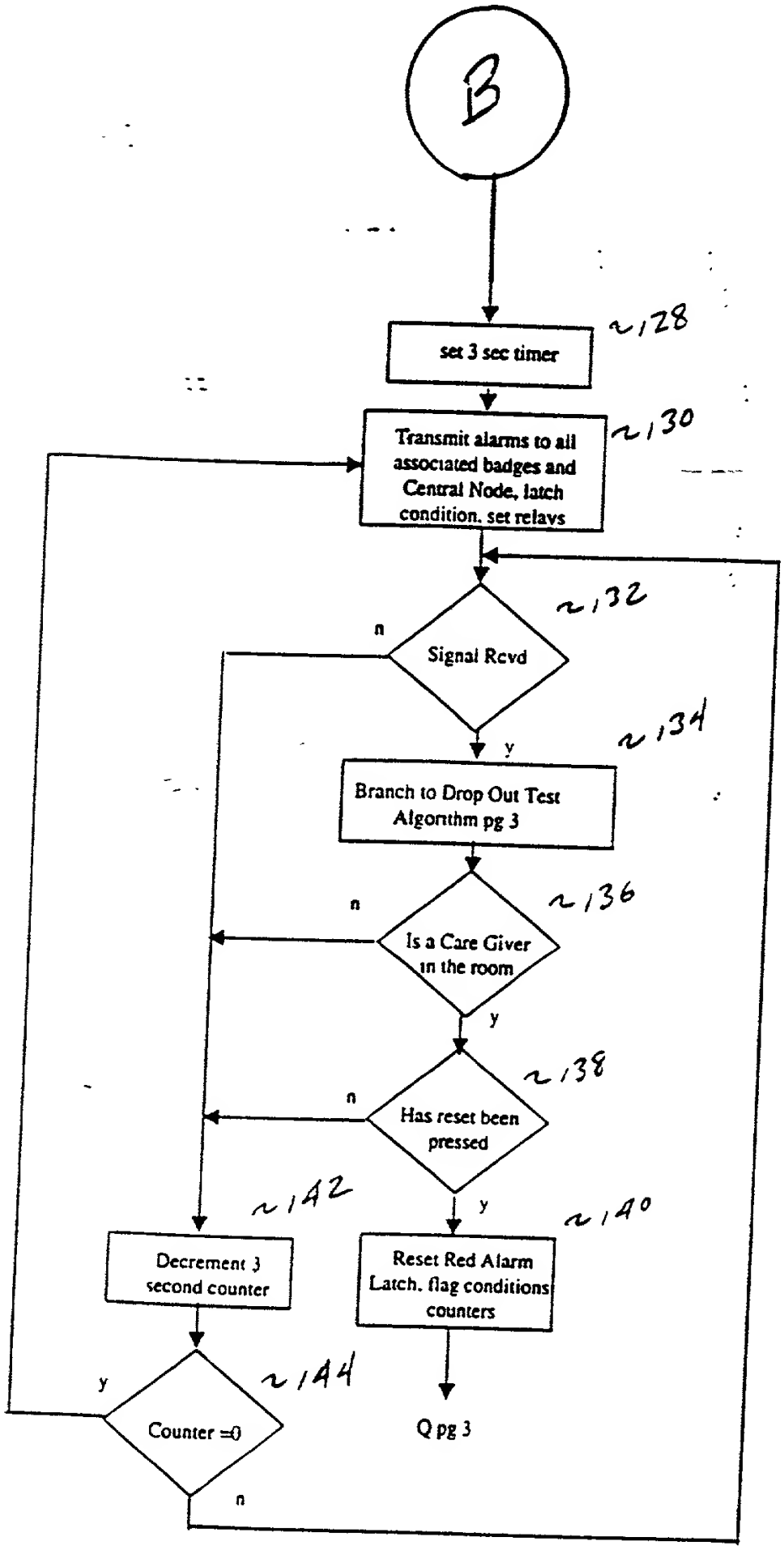


FIG. 7

PRESSURE PAD STATE CHANGE PROCESSING

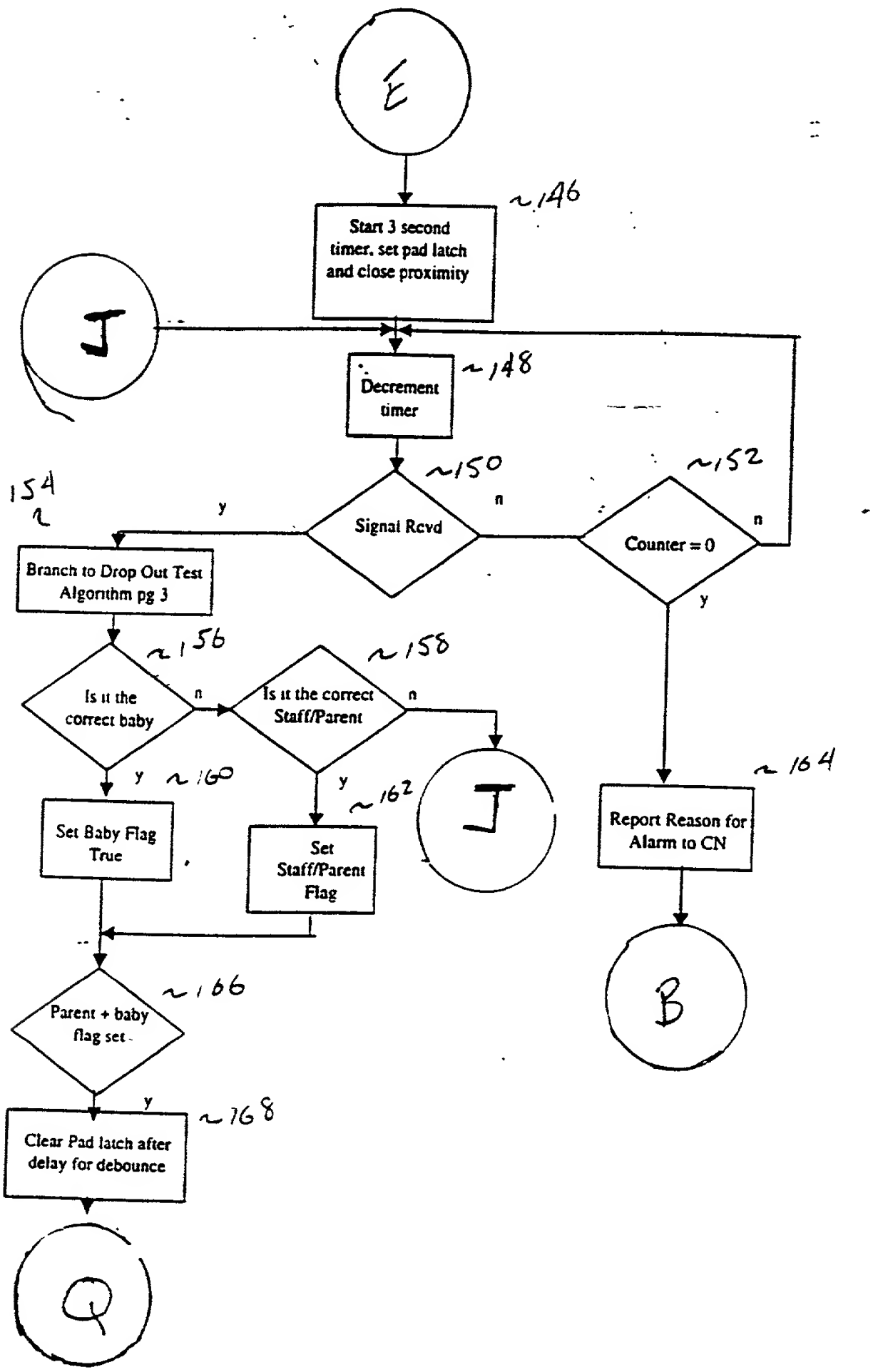


FIG. 8

CLOSE PROXIMITY

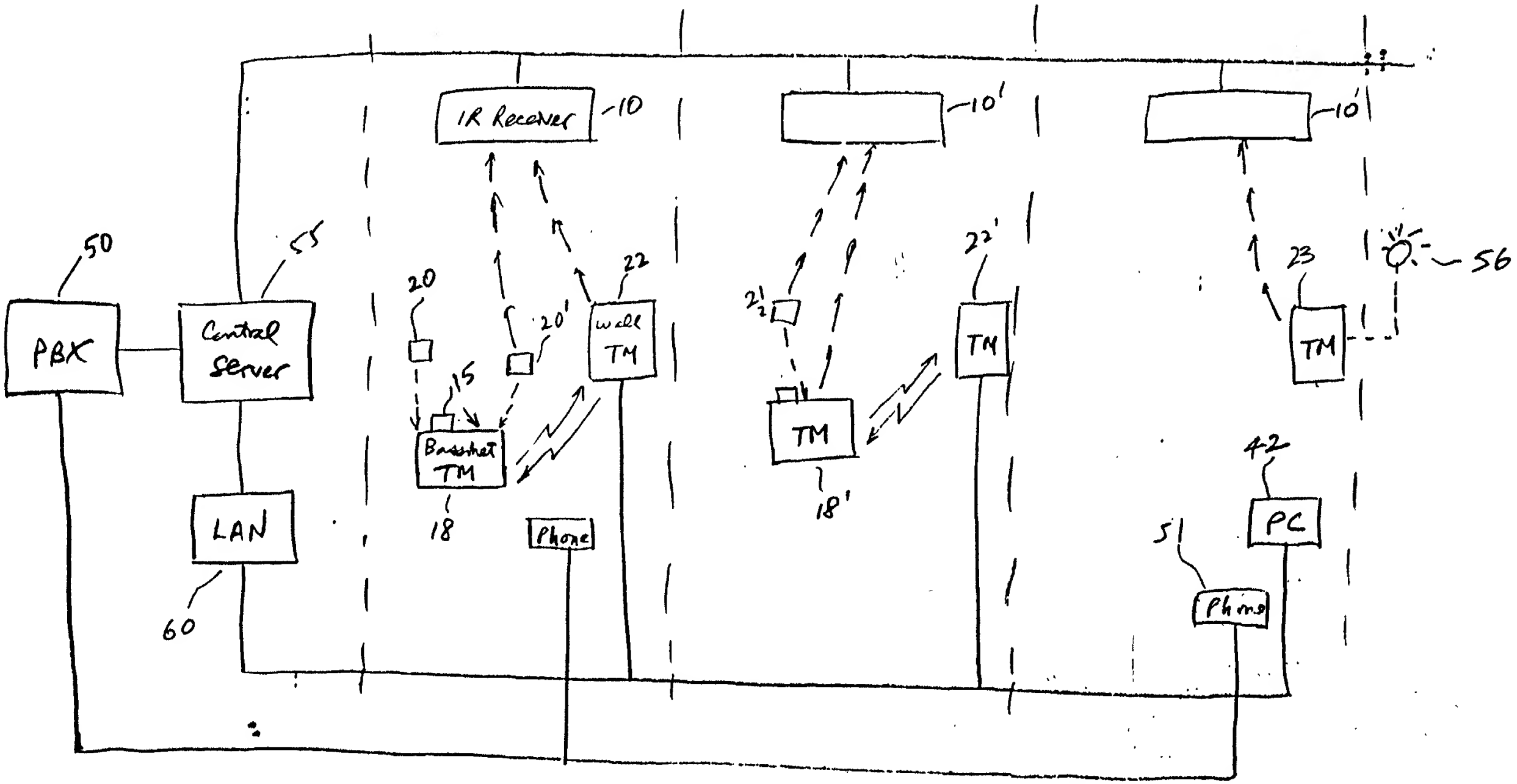

IR Receiver
10
10'
10'
50
55
PBX
Central Server
LAN
60
20
20'
22
wall TM
15
Basestat TM
18
Phone
21/2
TM
18'
22'
TM
23
TM
56
42
PC
5
Phone

FIG. 9